

Form PTO-1449 (modified)

Atty. Docket No.

Serial No.

UTSD:771US/SLH

10/074,220

U.S. Department of Patents and Publications for Applicant's

Applicant

Tadashi Kumamoto *et al.*

## INFORMATION DISCLOSURE STATEMENT

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
CS	C1	Berchtold <i>et al.</i> , "Human monocyte derived dendritic cells express functional P2X and P2Y receptors as well as ecto-nucleotidases," <i>FEBS Lett.</i> , 458:424-428, 1999.
	C2	Betto, <i>et al.</i> , "Ecto-ATPase activity of alpha-sarcoglycan (adhalin)" <i>J. Biol. Chem.</i> , 274: 7907-7912, 1999.
	C3	Biederbick, <i>et al.</i> , "A human intracellular apyrase-like protein, LALP70, localizes to lysosomal/autophagic vacuoles," <i>J. Cell Sci.</i> , 112: 2473-2484, 1999.
	C4	Chadwick and Frischauf, "The CD39-like gene family: identification of three new human members (CD39L2, CD39L3, and CD39L4), their murine homologues, and a member of the gene family from <i>Drosophila melanogaster</i> ," <i>Genomics</i> , 50:357-367, 1998.
	C5	Coutinho-Silva <i>et al.</i> , "P2Z/P2X7 receptor-dependent apoptosis of dendritic cells," <i>Am. J. Physiol.</i> 276:C1139-C1147, 1999.
	C6	Di Virgilio, <i>et al.</i> , "Nucleotide receptors: an emerging family of regulatory molecules in blood cells," <i>Blood</i> , 97: 587-600, 2001.
	C7	Dumbrowski <i>et al.</i> , "Ecto-ATPase: an activation marker necessary for effector cell function," <i>Immunol Rev.</i> , 161:111-118, 1998.
CS	C8	Effendy, <i>et al.</i> , "Epidermal cytokines in murine cutaneous irritant responses," <i>J. Appl. Toxicol.</i> , 20: 335-341, 2000.

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	C10	Ferrari, <i>et al.</i> "The P2 purinergic receptors of human dendritic cells: identification and coupling to cytokine release," <i>FASEB J.</i> , 14: 2466-2476, 2000.
	C11	Filippini, <i>et al.</i> , "Extracellular ATP in T-lymphocyte activation: possible role in effector functions," <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 87: 8267-8271, 1990.
	C12	Girolomoni <i>et al.</i> , "Epidermal Langerhans cells are resistant to the permeabilizing effects of extracellular ATP: in vitro evidence supporting a protective role of membrane ATPase," <i>J. Invest Dermatol.</i> , 100:282-287, 1993.
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	C14	Imai, <i>et al.</i> , "CD39 modulates IL-1 release from activated endothelial cells," <i>Biochem. Biophys. Res. Commun.</i> , 270: 272-278, 2000.
	C15	Knowles and Nagy, "Inhibition of an ecto-ATP-diphosphohydrolase by azide," <i>Eur. J. Biochem.</i> , 262:349-357, 1999.
	C16	Liu <i>et al.</i> "Expression and a role of functionally coupled P2Y receptors in human dendritic cells," <i>FEBS Lett.</i> , 445:402-408, 1999.
	C17	Marriott, <i>et al.</i> , "Extracellular uridine nucleotides initiate cytokine production by murine dendritic cells," <i>Cell. Immunol.</i> , 195:147-156, 1999.
	C18	Matsue <i>et al.</i> , "Induction of antigen-specific immunosuppression by CD95L cDNA-transfected "killer" dendritic cells," <i>Nature Med.</i> , 5:930-937, 1999.
	C19	Matsue, <i>et al.</i> , "Keratinocyte-derived IL-7 serves as a growth factor for dendritic epidermal T-cells in mice," <i>J. Immunol.</i> , 151:6012-6019, 1993.
	C20	Mummert, <i>et al.</i> , "Development of a peptide inhibitor of hyaluronan-mediated leukocyte trafficking," <i>J. Exp. Med.</i> , 192:769-779, 2000.
46	C21	Mutini <i>et al.</i> , "Mouse dendritic cells express the P2X <sub>7</sub> purinergic receptor: characterization and possible participation in antigen presentation," <i>J. Immunol.</i> , 163:1958-1965, 1999.

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	C23	Ralevic and Burnstock, "Receptors for purines and pyrimidines," <i>Pharmacol. Rev.</i> 50:413-492, 1998.
	C24	Sellers, <i>et al.</i> , "Adenosine nucleotides acting at the human P2Y1 receptor stimulate mitogen-activated protein kinases and induce apoptosis," <i>J. Biol. Chem.</i> , 276: 16379-16390, 2001.
	C25	Sevigny, <i>et al.</i> , "Identification and characterization of a novel hepatic canalicular ATP diphosphohydrolase," <i>J. Biol. Chem.</i> , 275: 5640-5647, 2000.
	C26	Wang, and Guidotti, "Golgi localization and functional expression of human uridine diphosphatase," <i>J. Biol. Chem.</i> , 273: 11392-11399, 1998.
	C27	Warny, <i>et al.</i> , "P2Y(6) nucleotide receptor mediates monocyte interleukin-8 production in response to UDP or lipopolysaccharide," <i>J. Biol. Chem.</i> , 276: 26051-26056, 2001.
	C28	Williams and Jarvis, "Purinergic and pyrimidinergic receptors as potential drug targets," <i>Biochem. Pharmacol.</i> , 59:1173-1185, 2000.
	C29	Xu, <i>et al.</i> , "Successive generation of antigen-presenting, dendritic cell lines from murine epidermis," <i>J. Immunol.</i> , 154:2697-2705, 1995.
	C30	Zhong and Guidotti, "A yeast Golgi E-type ATPase with an unusual membrane topology," <i>J. Biol. Chem.</i> , 274:32704-32711, 1999.
	C31	Ziganshina, <i>et al.</i> , "Acute paw oedema formation induced by ATP: re-evaluation of the mechanisms involved," <i>Inflamm. Res.</i> , 45: 96-102, 1996.
46	C32	Zinchuk <i>et al.</i> , "Ecto-ATPase activity in cerebellum: implication to the function of synaptic transmission," <i>Brain Res.</i> 815:111-115, 1999.

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46	C33	Homolya <i>et al.</i> , "Cell to cell communication in response to mechanical stress via bilateral release of ATP and UTP in polarized epithelia," <i>J. Cell Biol.</i> , 150:1349-1359, 2000.
	C34	Kaplan <i>et al.</i> , "Extracellular nucleotides act through P <sub>2U</sub> purinoceptors to elevate [Ca <sup>2+</sup> ] and enhance basic fibroblast growth factor-induced proliferation in sheep chondrocytes," <i>Endocrinology</i> , 137:4757-4766, 1996.
	C35	Kaplan <i>et al.</i> , "Extracellular nucleotides potentiate the cytosolic Ca <sup>2+</sup> , but not cyclic adenosine 3', 5'-monophosphate response to parathyroid hormone in rat osteoblastic cells," <i>Endocrinology</i> , 136:1674-1685, 1995.
46	C36	Narravula <i>et al.</i> , "Regulation of endothelial CD73 by adenosine: paracrine pathway for enhanced endothelial barrier function," <i>J. of Immunology</i> , 165:5262-5268, 2000.

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